

CLAIM SET AS AMENDED

1. (Currently Amended) A mounting structure of a tire pressure sensing system ~~in a tire pressure sensing system~~ in which a pressure sensor is placed on a wheel to sense pressure of a tire which is mounted on the wheel,

wherein the wheel is a cast wheel for a vehicle including a rim portion where the tire is mounted, a hub portion provided at a center of the rim portion, and spoke portions connecting the rim portion and the hub portion, and

the air pressure sensor is placed in a boundary portion between the rim portion and the spoke portions,

wherein a central part of an outer surface of the air pressure sensor is exposed and faces radially outward toward an interior of the tire, and

wherein a central part of an inner surface of the air pressure sensor is separated by a space from the wheel in a radially inward direction.

2. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 1, wherein a recessed portion having a shape ~~recessed~~ depressed inwardly toward the hub portion is provided, the recessed portion extending into a radially outward end of one of the spoke portions, and the air pressure sensor is placed in the recessed portion.

3. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 1, wherein the air pressure sensor is placed on an opposite side of the wheel with respect to an air valve which fills air to the tire.

4. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 2, wherein the air pressure sensor is placed on an opposite side of the wheel with respect to an air valve which fills air to the tire.

5. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 1, wherein the air pressure sensor is placed on a side of the wheel which is 180 degrees (+/- 20 degrees) ~~from the~~ with respect to a location of an air valve which fills air to the tire.

6. (Previously Presented) The mounting structure of a tire pressure sensing system according to claim 2, wherein collars are formed in the boundary portion, the tire pressure system being mounted on the collars with fastening members.

7. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 2, wherein an insertion hole is formed in the boundary portion between a rim portion and a spoke portion, through which a detecting and transmitting unit is inserted into the recessed portion.

8. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 2, wherein the air pressure sensor does not protrude into the tire and is lowered down into the spoke portions.

9. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 1, wherein the air pressure sensor is mounted on a stay with the rivet, the stay having bent portions which are formed on ends thereof, the bent portions being welded to the rim portion.

10. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 9, wherein an escape hole is provided allowing a body portion of the air pressure sensor to escape.

11. (Currently Amended) A mounting structure of a tire pressure sensing system ~~in a tire pressure sensing system~~ in which a pressure sensor is placed on a wheel to sense pressure of a tire which is mounted on the wheel,

wherein the wheel is a cast wheel for a vehicle including a rim portion where the tire is mounted, a hub portion provided at a center of the rim portion, and spoke portions connecting the rim portion and the hub portion,

the air pressure sensor is placed in a boundary portion between the rim portion and the spoke portions,

wherein an air valve which fills the tire being positioned separately from the air pressure sensor,

wherein a central part of an outer surface of the air pressure sensor is exposed and faces radially outward toward an interior of the tire, and

wherein a central part of an inner surface of the air pressure sensor is separated by a space from the wheel in a radially inward direction.

12. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 11, wherein a recessed portion having a shape ~~recessed~~depressed inwardly toward the hub portion is provided, the recessed portion extending into a radially outward end of one of the spoke portions, and the air pressure sensor is placed in the recessed portion.

13. (Currently Amended) (Previously Presented) The mounting structure of a tire pressure sensing system according to claim 11, wherein the air pressure sensor is placed on an opposite side of the wheel with respect to the air valve which fills the air to the tire.

14. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 12, wherein the air pressure sensor is placed on an opposite side of the wheel with respect to an air~~the air~~ valve which fills air to the tire.

15. (Currently Amended) The mounting structure of a tire pressure sensing system according to claim 11, wherein the air pressure sensor is placed on a side of the wheel which is 180 degrees (+/- 20 degrees) ~~from the~~ with respect to a location of an of the air valve which fills air to the tire.

16. (Previously Presented) The mounting structure of a tire pressure sensing system according to claim 12, wherein collars are formed in the boundary portion, the tire pressure sensing system being mounted on the collars with fastening members.

17. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 12, wherein an insertion hole is formed in the boundary portion between a rim portion and a spoke portion, through which a detecting and transmitting unit is inserted into the recessed portion.

18. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 12, wherein the air pressure sensor does not protrude into the tire and is lowered down into the spoke portions.

19. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 11, wherein the air pressure sensor is mounted on a stay with the rivet, the stay

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having bent portions which are formed on ends thereof, the bent portions being welded to the rim portion.

20. (Withdrawn) The mounting structure of a tire pressure sensing system according to claim 19, wherein an escape hole is provided allowing a body portion of the air pressure sensor to escape.